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BRUHATH BANGALORE MAHANAGARA PALIKE Date:

CONSTRUCTION OF ADDITIONAL CLASS ROOMS, TOILET AND PROVIDING SCHOOL ACCESSORIES TO YELAHANKA GOVERNMENT JUNIOR COLLEGE, YELAHANKA, BANGALORE IN WARD NO. 01

ABSTRACT OF ESTIMATE

SI .N	DESCRIPTION OF WORK	Amount in Rs.
1	Civil Works - First Floor	3790000.00
2	Toilet Block	4672300.00
3	Sump Tank	246000.00
4	PHE	650000.00
5	Electrical	750000.00
6	Providing School Acessessories	1900000.00
	SUB TOTAL	**12008300.00**
7	Professional Charges @ 3.5% + Service Tax @ 14.5%	481233.00
		10467.00
8	Miscelleneous	
	GRAND TOTAL	**12500000.00**

33.00 lakh Rs.

for NANDISH ASSOCIATES

(K C NANDISH)

Assistant Engineer
Project Sub Division
Yelahanka Zone, BBMP

Assistant Executive Engineer 21/02/16.
Project Sub Division
Yelahanka Zone, BBMP

ADMINISTRATIVELY SANCTIONED FOR Rs. 125.00
Rupees one Hundred five lakhs only
P-3089
...as EE ( ) No. 99
S...ject to conditions contained in
enclosed memo EE ( ) No. /9/...
Dt. Estimate A/Sanctioned
J.C(N) PAC AS/84/15-16
dated 23-2-2016 Rs. 125.00 lacs

Executive Engineer 21/2/16
Project Division
Yelahanka Zone, Bangalore

Technical Sanction
Accorded For 125.00 lakh Rs
Head of A/C P 3089
CER NO : 126 Dt:.. 10.03.16

[TA] CE (YNK)

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92

BRUHAT BANGALORE MAHANAGARA PAILKE

CONSTRUCTION OF ADDITIONAL CLASS ROOMS, TOILET AND PROVIDING SCHOOL ACCESSORIES TO YELAHANKA GOVERNMENT JUNIOR COLLEGE, YELAHANKA, BANGALORE IN WARD NO. 01

FIRST FLOOR — Est.cost. Rs. 3790000.00

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar.**								
	P.No.133, I.No.18.23								
	Para[et Walls	2	46.90	0.15	1.00	14.07			
		2	10.00	0.15	1.00	3.00			
						17.07	cumt	**245.92**	**4197.85**
	Basic Rate	232.00							
	Area Weightage 6%	13.92							
	Total	**245.92**							
2	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including T&P and scaffoldingwherever necessary, sorting the dismantled material, disposal ofunserviceable material and stacking the serviceable material with all liftscomplete as per specifications **Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20.**								
	P.No.136, I.No.18.18								
	Roof Area	1	46.50	9.60	0.15	66.96			
						66.96	cumt	**375.24**	**25126.07**
	Basic Rate	354.00							
	Area Weightage 6%	21.24							
	Total	**375.24**							
3	Providing and removing Centering, shuttering, strutting, propping etc., for **columns,** pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.								
	S.R.page 16 item 4.32								
	Rising of columns	32	1.36		3.50	152.32			
	External columns	16	0.92		3.50	51.52			
						203.84			
	Deductions								
	Lintels	32	1.36		0.15	6.53			
		16	1.36		0.15	3.26			
	Roof Beams	32	1.36		0.30	13.06			
		16	1.36		0.30	6.53			
	Roof Slab	32	1.36		0.15	6.53			
		16	1.36		0.15	3.26			
						39.17			
						164.67	Sqmt	**381.60**	**62838.84**
	Basic Rate:	355.00							
	Add: Lift Charges for First Floor (D-2)	5.00							
	Total	360.00							
	Area Weightage @ 6%	21.60							
	Total	381.60							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
4	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirmingto IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.								
	S.R.page 13 item 4.12								
	Rising of columns	32	0.45	0.23	3.50	11.59			
	External columns	16	0.23	0.23	3.50	2.96			
						14.55			
	Lintels	2	46.75	0.20	0.15	2.81			
		2	6.40	0.20	0.15	0.38			
						3.19			
	Deduction of columns	32	0.45	0.23	0.15	0.50			
		16	0.45	0.23	0.15	0.25			
						0.75			
						2.44			
						17.00	Cumt	**6438.44**	**109441.89**
	Basic Rate:	6074.00							
	Area Weightage @ 6%	364.44							
	Total	6438.44							
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.								
	SR Page 16 iteam 4.34								
	RCC Beams								
	Main walls	18	10.00		0.30	54.00			
		14	6.40		0.30	26.88			
		4	46.70		0.30	56.04			
		2	46.70		0.15	14.01			
	Lintels	2	46.70		0.30	28.02			
		2	9.60		0.30	5.76			
		4	6.35		0.30	7.62			
						192.33	Sqmt	**270.30**	**51986.80**
	Basic Rate:	250.00							
	Add: Lift Charges for First Floor	5.00							
	Total	255.00							
	Area Weightage @ 6%	15.30							
	Total	270.30							
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs landings balconies and likes thickness upto 200 mm including cost of all materials labour complete as per specifications upto 3.50 m from Ground level								
	S.R.page 15 Item No. 4.18								
	Roof Slab	1	46.50	9.60		446.40			
						446.40	Sqmt	**328.60**	**146687.04**
	Basic Rate:	305.00							
	Add: Lift Charges for First Floor	5.00							
	Total	310.00							
	Area Weightage @ 6%	18.60							
	Total	328.60							
7	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates)								

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
	Roof slab	1	46.50	9.60		446.40			
						446.40	Sqmt	**65.00**	**29016.00**
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness,including attached pilasters,buttresses,plinth cills and string courses cost of all materials labour complete as per specifications								
	S.R.page 15 Item No. 4.31								
	Roof Slab sides	1	113.80		0.15	17.07			
	Window (chajjas sides)	25	1.80		0.10	4.50			
						21.57	Sqmt	**306.34**	**6607.75**
	Basic Rate:	284.00							
	Add: Lift Charges for First Floor	5.00							
	Total	289.00							
	Area Weightage @ 6%	17.34							
	Total	306.34							
9	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cms thick layers and well compated including vibrating, curing,etc., with all lead and lifts etc complete(excluisive of cost of steel and fabrication charges) **Ready Mixed Cement Concrete for Beams, Staircase and Roof with M-25**								
	S.R.page 18 item 4.49/4.49.2								
	RCC Beams								
	Main walls	9	10.00	0.23	0.30	6.21			
	Internal walls	7	6.40	0.23	0.30	3.09			
	Outer walls	2	46.70	0.23	0.30	6.44			
	Corridor walls	1	46.70	0.23	0.15	1.61			
						17.36			
	RCC Roof Slab	1	46.90	10.00	0.15	70.35			
						70.35			
						87.71	Cumt	**6410.88**	**562278.73**
	Basic Rate:	6048.00							
	Area Weightage @ 6%	362.88							
	Total	6410.88							
10	Providing and removing centering, shuttering, strutting, propping etc., for chajjas,corbels etc.,including edges including cost of all materials labour complete as per specifications								
	S.R.page 16 Item No. 4.37								
	Windows	25	1.80	0.45		20.25			
						20.25	Sqmt	**284.08**	**5752.62**
	Basic Rate:	263.00							
	Add: Lift Charges for First Floor	5.00							
	Total	268.00							
	Area Weightage @ 6%	16.08							
	Total	284.08							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
11	Providing and laying in position reinforced cementconcrete of design mix M20 with OPC cement @ 24kgs, with 12mmand down size graded granite metal coarse aggregates @0.5175cumand fine aggregtes @ 0.345cum, with superplastisiser @0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. averagethickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications								
	S R Page No.14 Item No.4.19								
	First floor(Chajja)	25	1.80	0.45		20.25			
						20.25	sqmt	**466.40**	**9444.60**
	Basic Rate	435.00							
	lift charges for 1st Floor	5.00							
	Total	440.00							
	Area Weightage 6%	26.40							
	Total	**466.40**							
12	Providing **TMT Steel Reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.**TMT Bars Fe 500**								
	S.R.page 17 item 4.46.2								
	First Floor								
a	For column								
	1.5%					14.55	cumt		
	7850 kg/cmt					0.22			
						1713.78	kgs		
						1.71	MT		
b	For Beam								
	1.0%					17.36	cuft		
	7850 kg/cmt					0.17			
						1362.52	kgs		
						1.36	MT		
c	For slab								
	1.00%					70.35	cumt		
	7850 kg/cmt					0.70			
						5522.48	kgs		
						5.52	MT		
c	For Lintels								
	0.50%					2.44	cumt		
	7850 kg/cmt					0.01			
						95.92	kgs		
						0.10	MT		
c	For Chajjas								
	0.50%					20.25	cumt		
	7850 kg/cmt					0.10			
						794.81	kgs		
	TOTAL					**0.79**	MT		
	Basic Rate:	64635.00				**9.49**	M.T	**68984.80**	**654631.80**
	Add: Lift Charges for First Floor	445.00							
	Total for First Floor	65080.00				11.24		58229.24	654496.65
	Area Weightage @ 6%	3904.80							
	Total	68984.80							
13	Providing and constructing precast concrete Solid Blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size **40x20x20** cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications.								
	S.R Page no 25, item no 5.27								
	First Floor								
	Outer walls	2	46.90		3.05	286.09			
	Outer walls	2	10.00		3.05	61.00			
	Internal walls	4	6.35		3.05	77.47			
	Parapet walls	2	46.90		1.00	93.80			
		2	10.00		1.00	20.00			
						538.36			

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
	Deductions								
	Doors	5	1.10		2.10	11.55			
	Windows	25	1.50		1.35	50.63			
	Lintels	2	46.90		0.15	14.07			
		2	10.00		0.15	3.00			
	Columns	4	6.35		0.15	3.81			
		32	0.45		3.50	50.40			
						133.46			
	Basic Rate:	943.00				**404.91**	Sqmt	**1031.38**	**417610.92**
	Add: Lift Charges for First Floor	30.00							
	Total	973.00							
	Area Weightage @ 6%	58.38							
	Total	1031.38							
14	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification.								
	S.R Page no 113, 114 item no 15.21/15.33								
	First Floor								
	Class rooms	5	9.06	6.35	-	287.66			
	Corridor	1	46.90	2.00	-	93.80			
						381.46	Sqmt	**219.42**	**83698.86**
	Basic Rate:	207.00							
	Area Weightage @ 6%	12.42							
	Total	219.42							
15	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of materials labour curing complete as per specifications **Internal wall** plastering								
	S.r.page 110 and 111 Item No.15.16 & 15.33								
	First Floor								
	Inside walls								
	Beam sides	5	30.82		3.35	516.24			
		20	6.35		0.30	38.10			
		20	2.00		0.30	12.00			
						566.34			
	Deductions of Openings								
	Doors								
	Windows	5	1.10		2.10	11.55			
		25	1.50		1.35	50.63			
						62.18			
	Basic Rate:	234.00				**504.16**	Sqmt	**253.34**	**127723.89**
	Add: Lift Charges for First Floor	5.00							
	Total for First Floor	239.00							
	Area Weightage @ 6%	14.34							
	Total	253.34							
16	Providing 18mm thick cement plaster in single coat with **cement mortar 1:4,** to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for **Outside Plastering**								
	S.R Page no 110, item no 15.16								
	First Floor								
	Outer walls	2	46.90		3.50	328.30			
		2	10.00		3.50	70.00			
	Parapet walls	2	2.00		3.50	14.00			
		2	46.90		1.20	112.56			
	Columns	2	10.00		1.20	24.00			
		14	1.36		3.05	58.07			
						606.93			

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
	Deductions								
	Doors	5	1.10		2.10	11.55			
	Windows	25	1.50		1.35	50.63			
						62.18			
						544.76	Sqmt	**233.20**	**127037.33**
	Basic Rate:	210.00							
	Add: Lift Charges for First Floor	10.00							
	Total	220.00							
	Area Weightage @ 6%	13.20							
	Total	233.20							
17	Fixing of door frames in an exisying opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 57,Item No9.80								
	S.R Page no 57 item no 9.80								
		5				5.00			
						5.00	Sqmt	**1073.78**	**5368.90**
	Basic Rate:	1013.00							
	Area Weightage @ 6%	60.78							
	Total	1073.78							
18	Providing **Honne Wood frames** of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.								
	S.R.page 51 Item No.9.11								
	First Floor								
	Doors	10	0.10	0.15	2.10	0.32			
		5	0.10	0.15	1.30	0.10			
						0.41	Cum	**108792.04**	**44876.72**
	Basic Rate:	102634.00							
	Area Weightage @ 6%	6158.04							
	Total	108792.04							
19	Providing and fixing in position fully panelled **Honne Wood shutters** for doors, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries Complete as per Specifications.								
	SR Page No.51, item No.9.15								
	First Floor								
	Doors	5	0.90		1.90	8.55			
						8.55	Sqm	**4798.62**	**41028.20**
	Basic Rate:	4524.00							
	Add: Lift Charges for First Floor	3.00 (D-64)							
	Total	4527.00							
	Area Weightage @ 6%	271.62							
	Total	4798.62							
20	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.								
	S.R.page 32 item 7.9								
	Window w	25	1.50		1.35	50.63			
						50.63	Sqmt		
			50.63	21.00		**1063.13**	Kgs	**95.40**	**101422.13**
	Basic Rate	85.00							
	lift charges for 1st floor	5.00 (D-113)							
	Total	90.00							
	Area Weightage 6%	5.40							
	Total	**95.40**							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
21	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using threetrack window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder ofapproved quality.)								
	S.R.page 33 item 7.11.2								
	Windows	25	1.50		1.35	50.63			
						50.63	Sqmt	**4361.90**	**220821.19**
	Basic Rate:	4110.00							
	Add: Lift Charges for First Floor	5.00							
	Total	4115.00							
	Area Weightage @ 6%	246.90							
	Total	4361.90							
22	Flooring with 20mm thick polished shahabad slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed withcement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications								
	S.R Page no 109, item no 14.61.1								
	Classrooms	5	9.06	6.35		287.66			
	Corridor	1	46.90	2.00		93.80			
	Skirting	1	252.50		0.10	25.25			
						406.71	Sqmt	**1218.47**	**495557.84**
	Basic Rate:	1148.00							
	Add: Lift Charges for First Floor	1.50							
	Total for First Floor	1149.50							
	Area Weightage @ 6%	68.97							
	Total	1218.47							
23	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications								
	S.R.page 125 Item 15.106								
	Ceiling & Inside plastering								
	Qty wide item no.					885.62			
						885.62	Sqmt	**57.24**	**50692.60**
	Basic Rate:	54.00							
	Area Weightage @ 6%	3.24							
	Total	57.24							
24	Providing and applying painting in two coats with **plastic Emulsion paint** of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.**with primer**								
	S.R.page 116 Item 15.51/15.51.2								
	Internal Walls - First Floor								
	Qty wide item no.					504.16			
						504.16	Sqmt	**90.10**	**45424.82**
	Basic Rate:	85.00							
	Area Weightage @ 6%	5.10							
	Total	90.10							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
25	Providing and applying painting in two coats with **plastic Emulsion paint** of approved brand on ceiling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.**with primer**								
	S.R.page 116 Item 15.51/15.51.2								
	Internal Walls - First Floor								
	Qty vide item no.					381.46			
						381.46	Sqmt	**94.34**	**35986.46**
	Basic Rate:	89.00							
	Area Weightage @ 6%	5.34							
	Total	94.34							
26	Providing ACE paint to external walls of approved colour and shade over prime's coat.after brooming & cleaning the surface and applying two coats of ACE paint with cost of all material,labour,lead lift with loading unloading etc.complete as per direction of Engineer in charge of work.(Approved rates)								
	External walls -:First Floor								
	Qty vide item no.					**544.76**	Sqmt	**180.00**	**98056.26**
27	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughlycleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, completeas per specifications.								
	S.R.page 118 item 15.59								
	Doors	5	1.10		2.10	11.55			
						11.55			
	11.55*2.25=25.99		11.55	2.25		**25.99**	Sqmt	**41.34**	**1074.32**
	Basic Rate	39.00							
	Area Weightage 6%	2.34							
	Total	**41.34**							
28	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood basedsurface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.								
	S.R.page 118 item 15.60.1								
	Doors	5	1.10		2.10	11.55			
						11.55			
	11.55*2.25=25.99		11.55	2.25		**25.99**	Sqmt	**85.86**	**2231.29**
	Basic Rate	81.00							
	Area Weightage 6%	4.86							
	Total	**85.86**							
29	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as perspecifications.								
	S.R.page 120 item 15.74								
	First Floor								
	Windows	25	1.50		1.35	50.63			
						50.63			
		50.63	2.25			**113.91**	Sqmt	**83.74**	**9538.51**
	50.63*2.25=113.91								
	Basic Rate	79.00							
	Area Weightage 6%	4.74							
	Total	**83.74**							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
30	Providing and laying in positon plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregrates @ 0.69cum and fine aggregates @ 0.43cum,with super plastisiser @ 3 litres confirming to IS 9103-1999 reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15 cms thick will compacted in foundation, plinth and cills including cost of all materials, labour, HOM of machinery curing complete as per specifications.								
	S.R.page 12 item 4.5								
	First floor (for WPC on Terrace)								
	Roof slab	1	46.50	9.60	0.075	33.48			
						33.48	Cumt	5933.88	198666.30
	Basic Rate	5548.00							
	Add: Lift Charges for First Floor	50.00							
	Total for First Floor	5598.00							
	Area Weightage 6%	335.88							
	Total	**5933.88**							
31	Extra for use of water proofing compound in cement concrete of mix M-20, @ 1kg of compound per Bag of cement.								
	S.R.page.14 Item 4.25								
	Quantity vide item No.								
						33.48	Cumt	200.34	6707.38
	Basic Rate	189.00							
	Area Weightage 6%	11.34							
	Total	**200.34**							
32	Miscellaneous								
a	Providing and fixing of Door locking arrangements(page XIV,item no 397)								
		5				5	Each	633.00	3165.00
b	Providing and fixing of Handles powder coated 150mm(page XIV,item No,393)								
		5				5	Each	56.00	280.00
c	Providing and fixing of Hinges 5" heavy duty(Page No.XIV,item No395)								
		50				50	Each	37.00	1850.00
d	Providing and fixing of Hold fasts MS (Page No XIV, item No 396)								
		10				10	Each	38.00	380.00
e	Providing and fixing of Tower bolt 300mm long(page No,XIV, item No 412)								
		15				15	Each	116.00	1740.00
(II)	Miscelleneous							TOTAL	3788948.92
									1051.08
	(RUPEES THIRTY SEVEN LAKHS NINETY THOUSAND ONLY)							GRAND TOTAL	3790000.00

CERTIFICATES

1) The work spot has been inspected and found to be necessary
2) This estimate is prepared as per KPWD SR. of 2015-16 & Approved Rates
3) The provisions were made in this estimate are necessary and adequate.
4) This works come under B.B.M.P. limits.
5) The work is not Spilt Up.

Assistant Engineer
Project Sub Division
Yelahanka Zone, BBMP

Assistant Executive Engineer
Project Sub Division
Yelahanka Zone, BBMP

Executive Engineer
Project division
Yelahanka Zone, BBMP Bnagalore
21/3/16